

Limited Warranty

Dynacraft BSC Bicycles are warranted to the original purchaser to be free from defects in materials and workmanship for a period from date of purchase.

LIFETIME FOR THE BICYCLE FRAME TWO YEARS ON ALL OTHER COMPONENT PARTS

Dynacraft BSC will replace without charge the bicycle frame or those component parts that are determined by Dynacraft BSC to be defective in manufacture under normal use and service during the applicable warranty period.

Our warranties do not apply to any unit that has been abused, misused, altered by component parts substitutions, or used for rental or other commercial uses.

Replacement of bicycle component parts determined to be defective shall be the remedy of any purchaser and replacement of parts must be handled through the retailer from whom the bicycle was purchased. If upon examination it is determined that a replacement is justified, replacement will be made without charge. Transportation costs and labor charges incurred in the replacement of parts are not covered by this warranty.

All units and their components are covered as noted above.

CAUTION: THE FOLLOWING EXCLUSION APPLIES TO ALL DYNACRAFT BSC MODELS.

This warranty does not apply to any unit that has been used for stunts riding, bicycle motocross, dirt biking, jumping or similar activities and all Dynacraft BSC units are not designed or intended for such purposes or usage.

DYNACRAFT BSC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES

Notice: The user assumes the risk of any personal injuries, damage to or failure of the bicycle and any other losses if Dynacraft BSC Bicycles are used in any competitive event, including bicycle racing, or in bicycle motocross, dirt biking, or similar activities or training thereof. DO NOT use Dynacraft BSC Bicycles for wheeling, stunt riding, ramp jumping, acrobatics, or similar activities or with motors as power driven vehicles. This warranty does not cover any personal injuries, damages to or failure of the bicycle or any other losses due to accident, improper maintenance. It is the responsibility of the person who completes the assembly of the bicycle to properly install all parts included with it in the factory sealed shipping carton and to make minor adjustments of functional parts such as caliper brakes, gear shift cables, derailleur assembly, etc. required for proper operation.

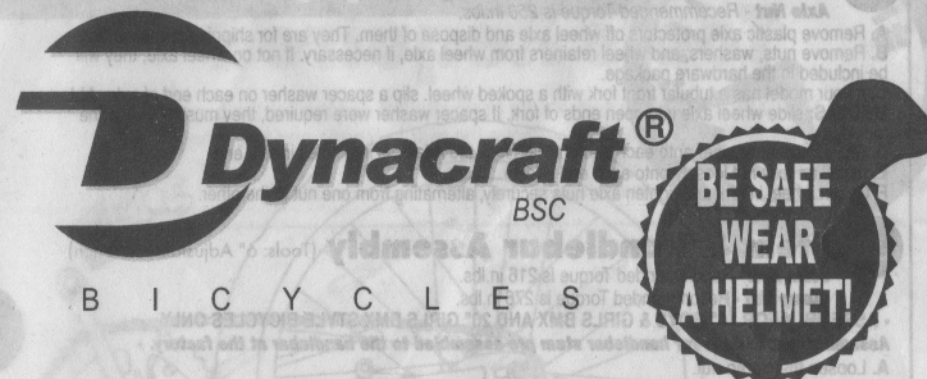
This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

To implement this warranty, the bicycle purchaser shall go to the retail store whom the bicycle was purchased for replacements under the Dynacraft BSC Warranty.

Dynacraft®
BSC

DYNACRAFT BSC.
2550 KERNER BOULEVARD, SAN RAFAEL, CA 94901

1-800-551-0032



Assembly Instructions

For All

12", 16" & 20" BMX

QUALITY PRODUCTS FROM DYNACRAFT BSC
2550 Kerner Boulevard, San Rafael, CA 94901

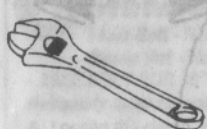
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Please visit us @ www.dynacraftbike.com

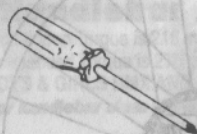
Tools Required

These tools should be available to perform the basic steps of assembling the bicycle. Special tools are required to disassemble chain, remove the rear hub parts and true wheels. Special tools are not required for assembly and normal maintenance.

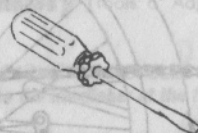
NOTE: A pair of pliers is not a substitute for the proper size wrench.



6" Adjustable Wrench



Phillips Screwdriver



Medium-Size Standard Screwdriver

Unpacking

IMPORTANT: Remove the bicycle and all parts from the carton. Lay out all the unassembled parts and **READ THE INSTRUCTIONS** in this booklet before assembling your bicycle. The instructions are a step-by-step procedure. Follow the steps that pertain to your model.

NOTE: Your bicycle may be equipped with a different style component than the one illustrated. However, the procedure for assembly or adjustment is basically the same.

WARNING: If your bicycle was obtained assembled, we recommend that you review the complete assembly instructions, and perform checks specified in this manual before riding.

Save Time & Money

Don't return your product to the store if you need replacement parts or have questions pertaining to assembly of your product, we encourage you to call Dynacraft direct.

1-800-551-0032

Owner's Information And Responsibilities

Throughout this manual you will find **WARNINGS**, **CAUTIONS** and **NOTES** and **NOTICES**.

WARNINGS: Pay special attention to these since failure to do so could result in injury to the rider or others.

CAUTIONS: If not followed, these could result in mechanical failure or damage.

NOTES and **NOTICES:** These specify something that is of special interest. It is the responsibility of the person who initially assembles the bicycle to do so correctly and make any necessary adjustments for proper operation. The owner or principal rider is then responsible for normal maintenance of the bicycle to keep it in good operating condition.

1. Make certain that all assembly instructions and necessary adjustments have been followed.
2. Know how to operate all standard and accessory equipment on the bicycle.
3. Make certain that anyone who uses the bicycle has been fully instructed in its operation.
4. Your bicycle conforms to all Federal CPSC regulations. There may be other federal, state or local regulations, restrictions or equipment laws; therefore, you should make sure your bicycle complies with all applicable regulations before it is ridden.
5. If your bicycle was obtained assembled, we recommend that you review the complete assembly instructions before riding the bicycle.

RECORD SERIAL NUMBER LOCATED AT THE BOTTOM OF FRAME

DATE PURCHASED: _____

LOCATION: _____

MODEL NO: _____

SERIAL NO: _____

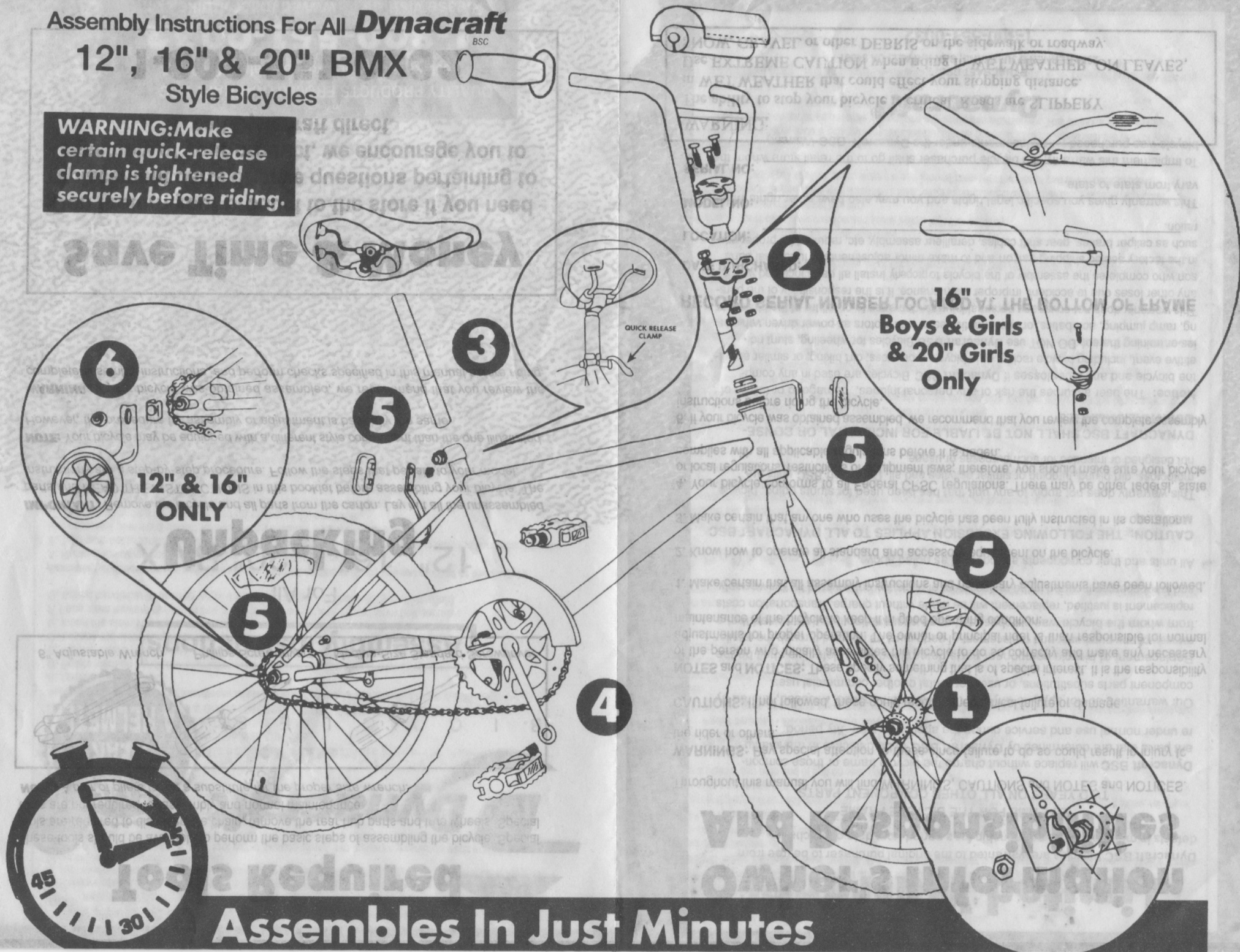
WARNING:

The ability to stop your bicycle is critical. Roads are **SLIPPERY** in **WET WEATHER** that could effect your stopping distance. Use **EXTREME CAUTION** when riding in **WET WEATHER**, **ON LEAVES**, **SNOW**, **GRAVEL** or other **DEBRIS** on the sidewalk or roadway.

Assembly Instructions For All **Dynacraft**

12", 16" & 20" BMX Style Bicycles

WARNING: Make certain quick-release clamp is tightened securely before riding.



1. Front Wheel Assembly (Tools: 6" Adjustable Wrench)

Axle Nut - Recommended Torque is 250 in.lbs.

- Remove plastic axle protectors off wheel axle and dispose of them. They are for shipping purposes only.
- Remove nuts, washers, and wheel retainers from wheel axle, if necessary. If not on wheel axle, they will be included in the hardware package.
- If your model has a tubular front fork with a spoked wheel, slip a spacer washer on each end of axle. **ALL MODELS:** slide wheel axle into open ends of fork. If spacer washer were required, they must be inside the fork legs.
- Slip a wheel retainer onto each end of axle. Hook the retainers into holes in fork end.
- Install an axle nut loosely onto each end of axle.
- Center wheel in fork and tighten axle nuts securely, alternating from one nut to the other.

2. Stem & Handlebar Assembly (Tools: 6" Adjustable Wrench)

Stem Bolt - Recommended Torque is 216 in.lbs.

Clamp Nut - Recommended Torque is 276 in.lbs.

- ASSEMBLY FOR 16" BOYS & GIRLS BMX AND 20" GIRLS BMX STYLE BICYCLES ONLY**
- Assembly instructions for handlebar stem pre-assembled to the handlebar at the factory.**

- Loosen the clamp nut.
- Rotate stem on handlebar knurled section so sweep of handlebar is back (See illustration).
- Tighten clamp nut to hold handlebar in semi-final assembly position.
- Loosen the stem bolt, if necessary, so the wedge plug is in line with the stem body.
- Insert the stem into the head tube to the minimum insertion line indicated on the stem.
- Face stem forward directly in line with the front wheel and tighten stem bolt securely.
- Adjust handlebar to desired angle and tighten clamp nut securely (See illustration).

Assembly instructions for positioning stem onto handlebar if not pre-assembled at the factory

- Remove the clamp bolt, locking wedge, washer and nut from the stem.
- Take care not to scratch the handlebar when assembling the stem. Slide the stem onto the handlebar from the end or place it over small curved section of the handlebar (See illustration).
- Slide the stem onto the enlarged knurled section of the handlebar.
- Replace clamp bolt, locking wedge, washer and nut. Tighten nut to hold handlebar in semi-final assembly position.
- Loosen the stem bolt, if necessary, so the wedge plug nut is in line with the stem body.
- Insert the stem into the head tube to the minimum insertion line indicated on the stem.
- Face stem forward directly in line with the front wheel and tighten stem bolt securely.
- Adjust Handlebar to desired angle and tighten clamp nut securely (See illustration).

- ASSEMBLY FOR 20" BOYS BMX STYLE BICYCLE ONLY**

Pillow Block Stem Assembly.

Stem Bolt - Recommended Torque is 216 in.lbs.

Clamp Nut - Recommended Torque is 216 in.lbs.

- Remove all four nuts and lock washers off the bolts on the pillow block stem.
- Remove the pillow block off the stem.
- Loosen the stem bolt, if necessary, so the wedge plug nut is in line with the stem body.
- Insert the stem into the head tube to the minimum insertion line indicated on the stem.
- Face stem forward directly in line with the front wheel and securely tighten stem bolt.
- Hold the handlebar centered on the stem and replace the pillow block.
- Replace a lock washer and nut onto each bolt and tighten each by hand.
- Adjust the handlebar to desired angle then securely tighten each nut alternating from one to the other keeping them all tightened the same amount.

WARNING: If the stem is not inserted into the head tube to at least the minimum insertion line, it is possible to over-tighten the handlebar stem bolt and damage the fork stem body. This could cause an unsafe condition and risk injury to the rider.

WARNING: If you can move the handlebar up or down, retighten the clamp nut. If by straddling the front wheel, you can turn the handlebar without turning the front wheel, retighten the stem bolt.

3. Seat & Seat Post Assembly (Tools: 6" Adjustable Wrench)

Seat Post Clamp Bolt - Recommended Torque is 250 in.lbs.

Seat Clamp Bolt - Recommended Torque is 250 in.lbs.

- Loosen nut on the seat clamp and add 3 or 4 drops of oil onto the threads of the bolt. Place seat post into the seat clamp with bolt to the rear of seat post. Insert stem all the way till it stops.
- Thread nut on seat clamp loosely.
- Fasten-loosely using bolt, washer and nut provided. Insert seat post into seat mast.
- Position top surface of seat parallel with the ground.
- The serrations on seat clamp must mesh completely with seat frame serrations. Partially tighten the bolt on seat of

F. Push front of seat up and down to firmly mesh the serrations together.

G. Securely tighten nut on seat clamp.

H. To assure bolt on seat post clamp will securely tighten, remove nut and washer from bolt and add 3 or 4 drops of light lubricating oil to bolt. Replace washer and nut then adjust seat to desired height.

WARNING: When adjusting seat height, the minimum insertion line on seat post must remain inside frame.

Proper Seat Height

When sitting on the seat in a riding position, the knee should be slightly bent while the ball of the foot is resting on the pedal in its lowest position.

I. Securely tighten nut on seat post clamp. Check assembly for tightness by attempting to twist seat. If loose, retighten nut on seat post clamp and seat clamp.

J. Tap a plastic cap onto end of bolt on seat post clamp.

4. Pedal Assembly (Tools: 6" Adjustable Wrench)

Pedal Spindle - Recommended Torque is 276 in.lbs.

WARNING: For safe operation your must secure pedal tightly against crank arm. Always replace damaged pedals

Notice: Start each pedal spindle by hand to avoid stripping the threads.

- Look for the letters "R" (Right) or "L" (Left) stamped on the pedal spindle.
- Thread pedal marked "R" into crank on the right (Sprocket) side of bicycle. Turn spindle in a clockwise direction. Tighten securely.
- Thread pedal marked "L" into crank on the left side of bicycle. Turn spindle in a counterclockwise direction and tighten securely.

WARNING: Make certain each pedal spindle is tightened securely. Always wear shoes when riding the bicycle.

5. Reflector, Pad & Grip Assembly

- FRONT & REAR REFLECTOR ASSEMBLY - Not Required on 16" BMX (Tools: 6" Adjustable Wrench)**

- Unfasten fork adjustment nut.
- Connect front mounting bracket (Position front mounting bracket as illustrated above).
- Retighten fork adjustment nut.
- Fasten reflectors white & red on both front (white reflector) and rear (red reflector) brackets using nut and tighten securely.

- WHEEL REFLECTOR ASSEMBLY - Not on 16" BMX Bicycles (Tools: Medium Size Standard Screw Driver)**

- Place a reflector between the spokes and valve stem on front wheel.
- NOTE:** The reflector should fit firmly between a single spoke on one side and two spokes on the other side with the reflector as close to the rim as possible.
- Fit the groove in the reflector to a spoke which matches the angle of the groove, but opposite valve stem.
 - Insert the spoke fastener through the mounting hole in the reflector from the other side opposite the spoke.
 - Using a screw driver that fits the slot of the fastener, press inward with firm pressure and make a 1/4 turn clockwise until the fastener snaps onto spoke.
 - Use same procedure to mount white reflector to rear wheel.

PAD ASSEMBLY

NOTE: Your Bicycle may or may not have all of the following pads shown here. Refer to the illustration for your pad location and installation.

- Wrap foam inner cushion around part illustrated.
 - Place outer cover over inner cushion and press velcro together securely.
 - Turn pad so that velcro is under the part.
- NOTE:** If your bicycle is equipped with a caliper brake, wrap inner cushion and cover over cable on top tube.
- If your bicycle has a pillow block stem, wrap the pad around stem with the slot in pad to the back of stem.

GRIP ASSEMBLY

- Using a twisting motion, slide a grip onto the handlebar as far as possible. Strike the end with the heel of your hand to make sure it's on as far as possible. Do not use any lubricants whatsoever. This includes water, soap, oil, silicone powders, etc. Do not use compressed air. (Compressed air often contains moisture and oil).

6. Training Wheel Assembly ONLY ON 12" & 16" (Tools 6" Adjustable Wrench)

- For assembly see illustration above.